

20020222.qrp v02_n474.qrl.20020222

Date: Fri, 22 Feb 2002 19:03:09 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2474

QRP-L Digest 2474

Topics covered in this issue include:

- 1) [120526] FOX: Special Invite
by John Wagner <john@wagner-usa.net>
- 2) [120527] Re: Radials for Verticals
by David Gauding <david.gauding@bbs.galilei.com>
- 3) [120528]
by "frank5838" <frank5838@email.msn.com>
- 4) [120529] RE: S-Meters and Measuring Signal Strength with Ham Receivers
by Nick Kennedy <nkennedy@tcinternet.com>
- 5) [120530] Re:
by "V Cortina" <vcortina@hvc.rr.com>
- 6) [120531] N5VT Trying For QSO On 40
by K5KW@aol.com
- 7) [120532] Foxii
by Hank Kohl K8DD <k8dd@arrl.net>
- 8) [120533] FOX -- N1Q0??
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 9) [120534] Clean Sweep Cup Arrives
by Brian Short <k7on@earthlink.net>
- 10) [120535] Re: Clean Sweep Cup Arrives
by Brian Short <k7on@earthlink.net>
- 11) [120536] Re: FOX -- N1Q0??
by "Karl F. Larsen" <k5di@zianet.com>
- 12) [120537] Got 'em Both -- Foxii in the Bag
by "Bruzenak George" <bruzer1@mindspring.com>
- 13) [120538] Re: FOX -- N1Q0??
by Pat Cain <pcain@ix.netcom.com>
- 14) [120539] FOX: N1Q0
by "Karl F. Larsen" <k5di@zianet.com>
- 15) [120540] AOR TDF-370
by "Len Revelle" <lenrev@ameritech.net>
- 16) [120541] Wanted: LDG Z-11 Autotuner
by "Richard H. Arland" <rarland@earthlink.net>
- 17) [120542] FOX: Got John!
by "Karl F. Larsen" <k5di@zianet.com>
- 18) [120543] Re: Special Invite
by "W5TB" <w5tb@arrl.net>
- 19) [120544] ARRL DXCW

- by "Floyd Smithberg" <nq7x@earthlink.net>
- 20) [120545] Re: Special Invite
by "V Cortina" <vcortina@hvc.rr.com>
- 21) [120546] WTB butterfly capacitor
by Michael Goins <mgoins@usa.net>
- 22) [120547] FOX: Thanks everyone
by John Wagner <john@wagner-usa.net>
- 23) [120548] Re: QRP Publications, Are the worth the price?
by George Gingell <k3tks@u1.abs.net>
- 24) [120549] FOX NØRC prelim.
by "Rod NØRC" <rod@nØrc.com>
- 25) [120550] Re: FOX -- N1Q0??
by "George, W5YR" <w5yr@att.net>
- 26) [120551] Re: Clean Sweep Cup Arrives
by Hank Kohl K8DD <k8dd@arrl.net>
- 27) [120552] [Fwd: 2nd twin beacon session]
by Paul Stroud <aa4xx@ipass.net>
- 28) [120553] [Fwd: ON5EX beacon run, Friday 22FEB]
by Paul Stroud <aa4xx@ipass.net>
- 29) [120554] Squeaky Sounds
by "Trevor Jacobs" <fxtech@earthlink.net>
- 30) [120555] TINY-TORNADO Transceiver Kits - LAST CALL
by "Brice D. Hornback" <bdh@cyberbound.net>
- 31) [120556] [FOX] WØMC FOX LOG 2-14-02 -- FINAL
by "Jerry McCollom" <wØmc@frii.com>
- 32) [120557] Re: FOX -- N1Q0??
by "Karl F. Larsen" <k5di@zianet.com>
- 33) [120558] Construction Techniques
by Tim O'Rourke <TO'Rourke@KaiserFT.com>
- 34) [120559] FS: K2 with SSB, AT & mic, \$650
by "Tracy, Michael, KC1SX" <mtracy@arrl.org>
- 35) [120560] Re: Check out the S57NAN sites
by "William K. Harding" <k4ahk@ix.netcom.com>
- 36) [120561] FreqMite programming
by "Mike Boatright" <ko4wx@mindspring.com>
- 37) [120562] RE: FreqMite programming
by "Mike Boatright" <ko4wx@mindspring.com>
- 38) [120563] Re: QRP Publications, Are the worth the price?
by "Donny Sirait" <dsirait@centrin.net.id>
- 39) [120564] Construction Techniques [Avery Clear Ink Jet Labels]
by Chuck Carpenter <w5usj@9plus.net>
- 40) [120565] S56AL was: S57NAN his web page and equip.
by "Rod NØRC" <rod@nØrc.com>
- 41) [120566] HTX202 for sale
by "Hartwell, Martin E, ALINF" <mehartwell@att.com>
- 42) [120567] FS: Kenwood TS50 for sale.
by N10DL@aol.com
- 43) [120568] Re: [Construction Techniques]

by "P.Ermisch" <ermisch@usa.net>
44) [120569] FOX: CUB FOX N0IT FINAL LOG - 2/19/02
by Dave Sjolin <sjolin@swbell.net>
45) [120570] S57JA/qrp on 28.061 at 1714 UCT
by "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
46) [120571] QRPTTF 2002 Date?
by "David Ek" <ekdave@earthlink.net>
47) [120572] Re: Clean Sweep Cup Arrives
by Dave Leduc <k1epj@aol.com>
48) [120573] Re: Clean Sweep Cup Arrives
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
49) [120574] FOX: W0CQC Log for Hunt 34
by "Marshall Emm" <mgemm@ntechnologies.com>
50) [120575] QRP during low sunspots
by <jhisson1@columbus.rr.com>
51) [120576] [CONTEST] N2CQ QRP Contest Calendar
by Ken Newman <N2CQ@dandy.net>
52) [120577] Re: Standards vs. conventions
by "Paul Harden, NA5N" <na5n@rt66.com>
53) [120578] Re: QRP during low sunspots
by Jim Larsen - AL7FS <AL7FS@ARRL.NET>
54) [120579] RE: QRP during low sunspots
by Mark Schoonover <schoon@amgt.com>
55) [120580] Possible FT OHR-100-30
by "Pastor-KC1DI" <elbc@pivot.net>
56) [120581] Re: QRP during low sunspots
by Pete Burbank <plburbank@kih.net>
57) [120582] Re: QRP during low sunspots
by Bill ROWLETT <kc4atu@yahoo.com>
58) [120583] Re: QRP during low sunspots
by "Karl F. Larsen" <k5di@zianet.com>
59) [120584] [HB] NJ pad cutter and ICs
by "Ingo, DK3RED" <dk3red@t-online.de>
60) [120585] Re: [HB] NJ pad cutter and ICs
by Chris Cartwright <ccart@phideaux.com>
61) [120586] Elecraft at Radiofest Monterey tomorrow
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
62) [120587] Drake microphone pinout?
by "Ronald Hands" <ronald.hands@sympatico.ca>
63) [120588] FOX: 2/22/2002 N1Q0 Fox Log v1.0
by John Wagner <john@wagner-usa.net>
64) [120589] Re: Standards vs. conventions
by Bruce Muscolino <w6toy@erols.com>
65) [120590] Re: [HB] NJ pad cutter and ICs
by David Gauding <david.gauding@bbs.galilei.com>

Date: Thu, 21 Feb 2002 19:27:42 -0500
From: John Wagner <john@wagner-usa.net>
To: <qrp-l@lehigh.edu>
Subject: [120526] FOX: Special Invite
Message-ID: <B89AFAAE.124%john@wagner-usa.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

This evening at 2100 Eastern time (do the math for your location), Rod, N0RC and myself (John, N1Q0) will serve as this evenings QRP Foxes. I would like to make a special invitation to all the folks on this list that haven't yet participated in our weekly QRP Fox Funfest to get on the air and give it a whirl. It's a real charge to "get a pelt" and see your callsign posted here on QRP-L and at the Fox Headquarters Web site.

All the info you need to participate can be found at <http://www.cqc.org/fox>

Some hints: We work split. I'll be listening down, Rod mentioned he would be listening down as well (or was it up?). Listen for where the hounds are that the fox is pelting and jump in the pack. Call once or twice and listen for your call the fox exchange and your call again, then send your exchange (55N SPC NAME PWR) [that's RST STATE-or-PROVINCE-or-COUNTRY NAME POWER (i.e. 5W)]. This fox dance will take place above and below 7.040Mhz.

Hope to see some new ones in the log this evening. Be sure to post here and brag about your first Pelts!

73 es happy hunting.

John, N1Q0

Date: Thu, 21 Feb 2002 18:31:03 -0600
From: David Gauding <david.gauding@bbs.galilei.com>
To: qrp-l@lehigh.edu
Subject: [120527] Re: Radials for Verticals
Message-ID: <5.1.0.14.0.20020220083514.00a80a40@bbs.galilei.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Good morning,

Jim Duffey is absolutely right! Vertical antenna and radial topics on QRP-L are guaranteed to produce additional postings! Guess I want to jump in here too, albeit a day or two late!

I keep Dr. Megacycle's comprehensive reply to my early 8th-wave radial questions on file and refer to it regularly. Well-researched information is held in high esteem here. I do appreciate such authoritative and justified responses from Jim.

I started investigating 8th-wave radial options about eight years ago. My intention was to reduce single wires to lengths more conducive to short-term portable operations - at picnic tables and trailside locations - without significantly degrading performance. The long-term outcome of that experiment was the St. Louis Radials (ribbon radials) project.

To explain, I prefer to spend my time actually on the air when portable. That does not include installing, optimizing or otherwise tweaking simple single-element antennas in less than optimum locations. I was a cliffdweller until 1998 (for 18 years) so having an antenna out in the sun for a few hours then was always a special occasion. It's a hard habit to break.

Logistics and time commitments can get out of hand in attempts to gild-the-lilly for that last fraction of a db. For what? A couple of hours out in the boonies when most any contact is welcome? Bottom line: Do you wanna' play with the radio or play with the antenna - out there?

Consequently, the portable verticals that I use in the field these days (St. Louis Express or St. Louis Quickie) install in five minutes or less. This desirable capability is provided collectively by a single ribbon cable radiator, easily extended or assembled fiberglass support, a dual-purpose feedpoint disk, and especially those downsized 8th-wave ribbon radials.

In the interest of speed and convenience, I abandoned all single-wire radials for portable QRP, even in small numbers. Ribbon radials are so much easier to install, retrieve and store thanks to their physical configuration. The extra metal positioned under a vertical where it can do some good is merely a bonus.

The SLX which tunes 10-40M uses nine 16.5' ribbon radials. The SLQ tunes 10-20M and uses eight 8.5' ribbon radials. I chose these quantities because (1) the antennas work just fine with them for what I have in mind and (2) they roll-up for storage in sets of three and four respectively and finally (3) fit neatly in a single round rubber kitchen container. Real scientific, eh?

I operate with exactly the same portable vertical antennas and ribbon radial sets at home as taken to the field. This procedure allows antenna performance to be assessed as (1) an intact operating unit, (2) in the same location and (3) over many months. Different operating hours and changing propagation are then involved and the only obvious variable in our yard is foliage. In my experience, sporadic portable sessions are essentially a snapshot and do not provide enough information for subjective evaluation.

Prior to discovering the possibilities offered by computer cable, I experimented for several years with both quarter-wave radials and folded radials fabricated from twinlead. The latter were used under the original St. Louis Vertical. Those radial experiments were also convenience exercises in efforts to identify a compressed but effective radial configuration.

Operating preferences here are for ragchewing, milliwatting, dxing and fox hunting, in that order. Vertical antennas with ribbon radials are usually the vehicle for doing that. How do 4th-wave radials compare to 8th-wave radials for each of my preferences? I just don't know and don't plan to expend the time and effort to find out. I'd rather be on the air!

I'm not saying 8th-wave radials are the answer to every operating situation but they do work for me while helping make logistics much more manageable in the field. That's my experience with and justification for choosing the them.

Regards,

de Dave, NF0R nf0r@slacc.com

Date: Thu, 21 Feb 2002 18:31:45 -0000
From: "frank5838" <frank5838@email.msn.com>
To: <qrp-l@Lehigh.EDU>
Message-ID: <003301c1bb06\$05978ae0\$df73fea9@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I will have my k2 on 40 meters to night about 645pm CST hope it will work
Freg 7042.00 to 7045.00 + are - QRM
N5VT Frank support QRP

Date: Thu, 21 Feb 2002 19:03:04 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>

To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [120529] RE: S-Meters and Measuring Signal Strength with Ham Receivers
Message-ID: <01C1BB0A.64D78EC0.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: James R. Duffey [SMTP:jamesd1@flash.net]

>With all due respect to Paul, I think that the S-meters on most receivers
>are pretty worthless. George enumerated the reasons. There isn't much a
>S-meter tells me that my own ears can't. ;^)

I guess I agree Doc, and I think you've proven it with the info in a
separate post. But I think S-meter (S-unit) discussions always take two
paths that seem to disagree but don't necessarily--

Proposition #1: Typical S-meters are pretty worthless because they aren't
consistent in terms of dB/unit and also don't even show the same dB/unit
response throughout their range. I'd suppose that one is true.

Proposition #2: The concept of a standard 6 dB S-unit is useful in
discussing the effects of increasing/decreasing power (changing antenna
gain, etc), meter or no meter. Joe Six-Pack Everyham (that's me) finds this
kind of description more meaningful than mere "-xxx dBm" descriptions. It
think this one is true too and doesn't contradict #1.

>But you can make pretty good quantitative measurements if you can turn off
>your receiver's AGC. Get a VU meter or old analog multimeter that has an
AC
>scale calibrated in dBs. Its that atrange scale in red that you never use.
>VU meters are usually available surplus pretty cheap.

Now you tell me. I think I've finally junked all my meters like that.
(Well, busted 'em or burned 'em up, more likely.)

>They are calibrated
>when used with a 600 Ohm source impedance, usually from -20 dB to +3 dB.
>Although some new receivers (and some very old ones) have 600 Ohm outputs,
>most have a typical 8 Ohm audio output impedance. Get an 8 Ohm to 600 Ohm
>transformer. Radio Shack carries them. Connect the 8 Ohm side to the
>receiver and the 600 Ohm side to the meter.

Minor quibble--related to the harangue on transmitter output impedance I got
involved in a while back--Would you really need that transformer? Except
possibly as a step-up to get the voltage on scale for your meter? The

difference in dBs between two readings would still be the same, transformer or not--right? A receiver with an "8 ohm output" won't really have an 8 ohm audio amplifier internal impedance; or not likely. Probably about an ohm or two. If you wanted to measure actual dBm relative to 600 ohms on your meter, I guess you'd hook up a 600 ohm load. If you wanted to do that AND get maximum available power out of the amp, you'd do that AND use the Radio Shack transformer.

Those of use cursed with modern DVMs and no dB scale can still use your method: Record the voltage at power level #1, then at #2. Calculate $V2/V1$, take the log of that, multiply by 20. If you want the absolute (dBm) level--hook up the 600 ohm resistor, measure the voltage, square it, divide by 600, take the log, multiply by 10.

The extra cautious will want to hook up a scope to the audio amp and make sure the output is in it's linear range (i.e. --not flat topping). When flat topping starts, as you said--start using your built-in attenuator.

Your initial statement, "There isn't much a S-meter tells me that my own ears can't. ;^)", reminded me of an ear based system described in JF10ZL's excellent homebrew page & quoted below:

[Sending RST without an S-Meter]

How to send ear S

Mr. Shimura made a question on my friend's home page that how do we send the ear S with our S meter less machine. I made answer as follows. I sand ear S for more than ten years on this way.

59 plus : When I receive his signal, fire burning on my eyes. The fan noise of linear amplifier can be heard. Also the click noise of the clock is heard. His voice over drives the inter frequency (IF) amplifier of my receiver. Therefore the voice has distortion. So hard to hear.

59 : Not hard to hear. Strong enough. I feel hearing his voice, like face to face. I can hear his voice with no electric noise.

57: Enough to strong to make conversation. I can hear his signal with slight electric noise.

55: Slightly week signal. Not to hard top hear. I can hear his signal always with electric noise. I can copy his call sign. But I do not want to make long QS0, because it will make me tired.

53 : weak signal. Hard to hear. I could copy his signal with hearing three times.

51 : I want to stop QS0 with him. Weak! Only call sign , we made QS0 enough. I do not be interested about your local weather.

JF00ZL also has some fine homebrew experiments
and projects and more great ham philosophy on his page. Check it out.

72--Nick, WA5BDU

Date: Thu, 21 Feb 2002 20:43:54 -0500
From: "V Cortina" <vcortina@hvc.rr.com>
To: <frank5838@email.msn.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [120530] Re:
Message-ID: <018401c1bb42\$630fcc0\$6401a8c0@hvc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Frank

You are S9 + 10 (whatever that means!) in Mt. Tremper, NY, but I am
answering you w 5watts and you don't hear me! AAAAAAGGGHHHH!!!!

Vinny KR2F
Mt. Tremper, NY FN22ua
F.I.S.T.S. #4582, QRP-L #2397
NJ-QRP #349 E.C.A.R.S. #20188
10-X #68971

----- Original Message -----

From: "frank5838" <frank5838@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, February 21, 2002 1:31 PM

> I will have my k2 on 40 meters to night about 645pm CST hope it will work
> Freq 7042.00 to 7045.00 + are - QRM
> N5VT Frank support QRP
>
>
>

Date: Thu, 21 Feb 2002 20:45:04 EST
From: K5KW@aol.com
To: qrp-1@lehigh.edu
Subject: [120531] N5VT Trying For QSO On 40
Message-ID: <8c.14512a76.29a6fca0@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Frank,

You posted that you were on 40 meters at 6:45 Central Time hoping to make a contact with your new K1.

I heard you at 7:31 CST on 7043 kHz and you were a solid RST 579 here in Oklahoma. Called you, but no response. Then you said you would QSY up due to QRM. I called you again at 7045 kHz, but no luck. Then heard KR2F call you, but you didn't answer him either.

Looks as if there may be a problem on the K1 receive side. Hope you get it solved. That's a great little rig.

72 and Good Luck,

Don, K5KW
In old Fort Gibson, Oklahoma

Date: Thu, 21 Feb 2002 21:07:59 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: qrp-1@lehigh.edu
Subject: [120532] Foxii
Message-ID: <5.1.0.14.2.20020221210651.02eef760@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Wow 5 min 34 sec it's great to be an 8 sometimes!

Date: Thu, 21 Feb 2002 20:20:44 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [120533] FOX -- N1Q0??
Message-ID: <200202220220.AA00580@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain

Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Thought I heard the pack around John at around 7.035-ish,
but it's wall-to-wall crud now. Where are they? :-)

72/73,

Todd, AG0T

Date: Fri, 22 Feb 2002 02:11:46 +0000
From: Brian Short <k7on@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [120534] Clean Sweep Cup Arrives
Message-ID: <E16e5Na-00064K-00@gull.prod.itd.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My CW and SSB Sweepstakes efforts were 100w efforts,
but I did get CW and SSB Clean Sweeps.

My cup arrived today.

Must be results will be published very soon.

73, Brian

--
k7on@earthlink.net >or< <http://www.qsl.net/k7on/>
--

Date: Fri, 22 Feb 2002 02:18:06 +0000
From: Brian Short <k7on@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [120535] Re: Clean Sweep Cup Arrives
Message-ID: <E16e5Tk-0006Xz-00@gull.prod.itd.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Oh yeah, I forgot:

<http://www.qsl.net/k7on/contest/sweeps.htm>

For pictures.

At 02:11 AM 2/22/02 +0000, you wrote:

>
>My CW and SSB Sweepstakes efforts were 100w efforts,
>but I did get CW and SSB Clean Sweeps.
>
>My cup arrived today.
>
>Must be results will be published very soon.
>
>73, Brian
>
>--
>k7on@earthlink.net >or< <http://www.qsl.net/k7on/>
>--
>
--
k7on@earthlink.net >or< <http://www.qsl.net/k7on/>
--

Date: Thu, 21 Feb 2002 19:48:01 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [120536] Re: FOX -- N1Q0??
Message-ID: <Pine.LNX.4.33.0202211945430.4238-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Todd I hear the same thing. I think John should be higher than the pack of hounds but there is a QSO going on there! I worked Ron up band after a lot of tries but I have never even heard John. We may need to wait awhile for the band to get longer. VT is a long way from NM...:-)

On Thu, 21 Feb 2002, Todd Enders wrote:

>
> Thought I heard the pack around John at around 7.035-ish,
> but it's wall-to-wall crud now. Where are they? :-)
>
> 72/73,
>

> Todd, AG0T

>

>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
http://www.zianet.com/k5di/

Date: Thu, 21 Feb 2002 19:40:25 -0700
From: "Bruzenak George" <bruzer1@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [120537] Got 'em Both -- Foxii in the Bag
Message-ID: <001101c1bb4a\$48e49b00\$28a4fc9e@bruzenak55>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got N0RC at 0211

Got N1Q0 at 0236

A first for me!!

de George, K0CNT
Flying Pig #369, CQC #700, FISTS #8506

Date: Thu, 21 Feb 2002 20:45:51 -0600
From: Pat Cain <pcain@ix.netcom.com>
To: enders@bolshoi.cc.misu.nodak.edu
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [120538] Re: FOX -- N1Q0??
Message-ID: <4.2.0.58.20020221204545.00b7f7d0@mail.mchsi.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

John N1Q0 is at 7.0365 and Rod N0RC is at 7.0435. Both are listening down.

Good luck,
PC (K=D8)

At 08:20 PM 2/21/02 -0600, Todd Enders wrote:

> Thought I heard the pack around John at around 7.035-ish,
>but it's wall-to-wall crud now. Where are they? :-)
>
>72/73,
>
>Todd, AGOT

Date: Thu, 21 Feb 2002 20:00:10 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [120539] FOX: N1QO
Message-ID: <Pine.LNX.4.33.0202211956350.4238-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ron is on or near 7.03661 MHZ but there is now LOUD Mexican Ranch
Radio on the frequency. Have to just wait until they get done. May take a
while as they are a young boy talking to a GIRL!

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Thu, 21 Feb 2002 20:58:22 -0600
From: "Len Revelle" <lenrev@ameritech.net>
To: "FT-817 Reflector \ (E-mail\)" <ft817@yahoogroups.com>,
"QRP-L Reflector \ (E-mail\)" <qrp-l@Lehigh.EDU>
Subject: [120540] AOR TDF-370
Message-ID: <003401c1bb4c\$cae04ad0\$6401a8c0@n9ijeptkvz31dm>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm looking at the AOR 370 DSP unit for use with my FT-817. The plan is to

use the unit with a terminal program in the Palm VIIx, the 817, and various antennae for pedestrian PSK31.

Has anyone used the 370 with a Palm, and if so how well did it work. Any comments on the basic 370 unit would also be welcome.

Tnx/73

Len Revelle N9IJ
lenrev@ameritech.net

Date: Thu, 21 Feb 2002 22:16:35 -0500
From: "Richard H. Arland" <rarland@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [120541] Wanted: LDG Z-11 Autotuner
Message-ID: <3C75B813.E975A5B9@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone have a Z-11 LDG Autotuner they want to part with?

73 Rich K7SZ

Date: Thu, 21 Feb 2002 20:33:01 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [120542] FOX: Got John!
Message-ID: <Pine.LNX.4.33.0202212030380.4287-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well John peaked up at 0321 Z in New Mexico and he heard me! We mad contact and that's a double for me tonight. Been awhile since I've done that. No Board Meeting tonight...

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Thu, 21 Feb 2002 21:27:53 -0600
From: "W5TB" <w5tb@arrl.net>
To: <john@wagner-usa.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [120543] Re: Special Invite
Message-ID: <009201c1bb50\$e9e596c0\$0200a8c0@altn1.tx.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Band seems a little long tonight, wound up that VT was easier than CO =
tonight for me -- go figure ;-) At 0300 both foxxi in bag and I'm back =
to Olympics with XYL :)

Her only complaint of the night was when I went to 100 W to QRL a lid =
CQing on Rod without checking frequency -- managed to wipe out Olympic =
viewing for 30 seconds -- no wonder I'm a confirmed QRPer :-)

many strong QRP sigs here tonight, you guys are fantastic! -- good =
luck everyone -- sadly only 2 hunts to go :'-)

73, T.E. 'Doc' Drake, W5TB
Arlington, Texas
FISTS # 5365 QRPARCI # 3532 ARRL Life Member K1 #181 K2#1617
----- Original Message -----=20
From: "John Wagner" <john@wagner-usa.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, February 21, 2002 6:27 PM
Subject: FOX: Special Invite

> This evening at 2100 Eastern time (do the math for your location), =
Rod, N0RC
> and myself (John, N1Q0) will serve as this evenings QRP Foxes. I would =
like
> to make a special invitation to all the folks on this list that =
haven't yet
> participated in our weekly QRP Fox Funfest to get on the air and give =
it a
> whirl. It's a real charge to "get a pelt" and see your callsign posted =
here
> on QRP-L and at the Fox Headquarters Web site.
>=20

> All the info you need to participate can be found at =
<http://www.cqc.org/fox>
 >=20
 > Some hints: We work split. I'll be listening down, Rod mentioned he =
 would be
 > listening down as well (or was it up?). Listen for where the hounds =
 are that
 > the fox is pelting and jump in the pack. Call once or twice and listen =
 for
 > your call the fox exchange and your call again, then send your =
 exchange (55N
 > SPC NAME PWR) [that's RST STATE-or-PROVINCE-or-COUNTRY NAME POWER =
 (i.e.
 > 5W)]. This fox dance will take place above and below 7.040Mhz.
 >=20
 > Hope to see some new ones in the log this evening. Be sure to post =
 here and
 > brag about your first Pelts!
 >=20
 > 73 es happy hunting.
 >=20
 > John, N1Q0
 >=20

 Date: Thu, 21 Feb 2002 20:47:30 -0700
 From: "Floyd Smithberg" <nq7x@earthlink.net>
 To: "QRP-L Message" <qrp-l@lehigh.edu>
 Subject: [120544] ARRL DXCW
 Message-ID: <000501c1bb53\$b99bf510\$c78f9a40@FloydNQ7X>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Unusual propagation produced this distribution from Arizona:
 EU 192, JA 90, Asia 19, NA 16, Ocean 5, AF 2
 Got 2 new ones: JY9NX and 4L8A Georgia.

Band	QSOs	Points	Countries
40CW	4	12	4
20CW	71	213	32
15CW	106	318	34
10CW	152	456	47

	333	999	117

Final Score = 116,883
OP Time = ~14hrs
TS850/5Watts
3 el triband + 40M extender at 40+ ft
TR 6.62 / Schurr paddle

Date: Thu, 21 Feb 2002 22:50:15 -0500
From: "V Cortina" <vcortina@hvc.rr.com>
To: <w5tb@arrl.net>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [120545] Re: Special Invite
Message-ID: <020301c1bb54\$09e90e40\$6401a8c0@hvc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey Doc,

I heard you qrl that qrm'er! You were vy strong, but I'm not gonna say what the S meter said. I just can't thru to Rod, but I'm keepin that gain knob down to 5w no matter what!

Vinny KR2F
Mt. Tremper, NY FN22ua
F.I.S.T.S. #4582, QRP-L #2397
NJ-QRP #349 E.C.A.R.S. #20188
10-X #68971

----- Original Message -----
From: "W5TB" <w5tb@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, February 21, 2002 10:27 PM
Subject: Re: Special Invite

> Band seems a little long tonight, wound up that VT was easier than CO tonight for me -- go figure ;-) At 0300 both foxxi in bag and I'm back to Olympics with XYL :)

>

> Her only complaint of the night was when I went to 100 W to QRL a lid CQing on Rod without checking frequency -- managed to wipe out Olympic

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>

> many strong QRP sigs here tonight, you guys are fantastic! -- good luck everyone -- sadly only 2 hunts to go :'-(
>

> 73, T.E. 'Doc' Drake, W5TB
> Arlington, Texas
> FISTS # 5365 QRPARCI # 3532 ARRL Life Member K1 #181 K2#1617
> ----- Original Message -----
> From: "John Wagner" <john@wagner-usa.net>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Thursday, February 21, 2002 6:27 PM
> Subject: FOX: Special Invite
>
>

> > This evening at 2100 Eastern time (do the math for your location), Rod, NØRC
> > and myself (John, N1Q0) will serve as this evenings QRP Foxes. I would like
> > to make a special invitation to all the folks on this list that haven't yet
> > participated in our weekly QRP Fox Funfest to get on the air and give it a
> > whirl. It's a real charge to "get a pelt" and see your callsign posted here
> > on QRP-L and at the Fox Headquarters Web site.
> >
> > All the info you need to participate can be found at
<http://www.cqc.org/fox>
> >
> > Some hints: We work split. I'll be listening down, Rod mentioned he would be
> > listening down as well (or was it up?). Listen for where the hounds are that
> > the fox is pelting and jump in the pack. Call once or twice and listen for
> > your call the fox exchange and your call again, then send your exchange (55N
> > SPC NAME PWR) [that's RST STATE-or-PROVINCE-or-COUNTRY NAME POWER (i.e. > > 5W)]. This fox dance will take place above and below 7.040Mhz.
> >
> > Hope to see some new ones in the log this evening. Be sure to post here and
> > brag about your first Pelts!
> >
> > 73 es happy hunting.
> >
> > John, N1Q0

> >
>
>
>

Date: 21 Feb 2002 23:07:38 EST
From: Michael Goins <mgoins@usa.net>
To: qrp-l@lehigh.edu
Subject: [120546] WTB butterfly capacitor
Message-ID: <20020222040738.7046.qmail@uadvg009.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Looking for a butterfly cap of around 2-100 pF (up to 150 or so). Would consider a regular air variable in that ballpark. Need it for an antenna experiment (not an amp!). Anyone have one in decent shape gathering dust?=-

mike
wb5yjx =

Get free e-mail and a permanent address at <http://www.amexmail.com/?A=3D1=>

Date: Thu, 21 Feb 2002 23:08:45 -0500
From: John Wagner <john@wagner-usa.net>
To: <qrp-l@lehigh.edu>
Subject: [120547] FOX: Thanks everyone
Message-ID: <B89B2E7D.13F%john@wagner-usa.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Thank you to the hounds that stuck with me tonight. Lots of QRN and QRM this evening. Some sigs where there and then gone with the wind with QSB - band was changing fast. Ended up with a couple Q's out in OR tonight, which is quite the haul on 40m from VT using 5w!

Need to relax for a bit then try to go to bed. Thanks again gang, great fun.

73,

John, N1QO

Date: Thu, 21 Feb 2002 23:14:25 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Cc: n4sks@cs.com
Subject: [120548] Re: QRP Publications, Are the worth the price?
Message-ID: <20020221222433.C25061-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Les,

I have been hoarding QRP Publications for years now, I also handle the Back issues Sales for QRP ARCI, and have done so for about ten years now.

This subject seems to pop up every now and then. Like many others, it has many answers. Depending on the individual.

Always a factor is the rarity of the publication or issue. It is not unlike Stamp or Coin Collecting, except there is often a great bit more knowledge to be gained from owning a good collection of QRP Publications.

I have a rather extensive personal QRP Reference Library, but it is not even close to being complete. I am always on the lookout for free or low cost additions to the library. I have been on the receiving end of several collections. What do I do with the extras? Do I auction them off on e-bay? Bite your tongue :^} No, I have always been able to find them a good home, often in another Country and at personal expense. I consider it my personal contribution to promotion of the QRP Worldwide.

I have a nearly complete collection of SPRAT, but for the First 20 issues.

I have the Complete Reprint Set also, but not yet the CD ROM.

I have an original Set of The Milliwatt, National Journal of QRP. Also a CD of same.

I have QRP Quarterly back to 1978 when I became a member. The early years were only a few memiographed pages, but would be welcome additions to the library.

I have a Complete Set of The LO-KEY (CW Operator's QRP Club Incorporated)

[Australia] Member # 539.

I give the lads Down Under Credit for lots of good ideas. Club Bits n Kits, Boomerang Circuit Books. I should put my name on the list. :^}

Anyone have DL-QRP Extras? I have a few issues. I even have some from OK-QRP Club. They were passed on to me by Luke Dobbs, K5HKA before he became a SK. No, I can't read a word of "Check" but I can read the Schematics and recognize Callsigns. W3TS ATU appears on one issue.

W9SCH, "Rockey" appears in another.

I still look for copies of those "Rare Ones" "M8 Qrper" "SouthWesterner"

Anyone have any they want to Donate to the Library?

I was told of a nice collection on ebay that went for less than \$ 100.00

I believe Mel, mentioned selling his collection. He did make a very good point. Often people do not VALUE that which is given freely. If they pay for it they are more likely to perceive it's true value.

We found that to be true of QRP Quarterly at Dayton in past years.

I am sure that you have seen the "Freebie Collectors" at Dayton, Grab two of everything Free and stuff it in the big bag. Sort it out later. Many QQ's ended up on the floor or dust bins. Then We Charged a Buck a Piece for them. (Below Printing Cost). Then they started getting treated with respect.

Now days we charge \$ 5.00 per copy. Still a good deal. The real problem comes when we run out of one or two issues in a year set.

We have sold a lot and given away a lot over the past ten years. Does the Club Profit from this? NO, but it does help offset expenses incurred with providing missing issue replacements. I must say that we have not done badly in recent years. but the postage does ever climb.

SO, back to the original Question. What is the Value of QRP Publications?

I say that they are a resource to be treasured, Sell them, Give them Away,

Just please Do not THROW them AWAY.

If you can't find them a good home, let me know. I know of lots of QRPers around this old world that would love to have them.

Yes, friends, there are still many places where people can not afford to subscribe to these fine publications.

Got some Spare Change? Why not SPONSOR a QRPer? Many of the Major QRP Clubs accept Donations for the benefit of those who can not afford them.

G-QRP is the Leader in this Plan. QRP ARCI also follows the plan. I am sure that many others will also.

QRP Pubs are Priceless... :^}

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
Former QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Commercial Locksmith Services (301) 572-6789 Office & Fax
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Collector of Quartz Crystals and Telegraph Keys.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

Date: Thu, 21 Feb 2002 21:31:23 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [120549] FOX N0RC prelim.
Message-ID: <002201c1bb59\$c9002d40\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well,

BLUF: 85-90 QSOs total, not very good.

That was interesting!

Things were sailing along pretty good until 0245, then the dash paddle on my rig quits!!!! A couple of power recycles and reseating the cable seemed to cure it. As I get back on the air SWR goes way high! UGH I knocked one of the T/L banana plugs out of the tuner in my hasty...make that panic stricken, repair activities. 0256 back at it, after a while longer settle down, and get back in the rhythm.

Then in the last 30min or so the "GROWL" QRM starts up intermittently. I start to pick out a call, and it would get creamed by the GROWL, so I'd tune up or down a bit, and work on picking out another call...you guessed it, the GROWL would start there ARGH! I just pressed on as best I could, trying to go over/under the GROWL & do the best I could. I know I left a several OPs in the dust, my apologies.

It was fun being a Fox this year. I learned a lot. Mostly that I can't sit still for more than an hour or so. My concentration drops, I start fidgeting and just want to be done. I'm not cut out for this sort of activity. But, nothing ventured nothing gained. My hat is off to you who can sit for hours on end during a contest. (In the future when I sit in one place and do something for hours on end, it will be a long ride on my bike!)

And, can you believe it, over 150 QSOs in my two Fox outings and no DE. ;-)

Thanks to all who endured and allowed me to experience the "WALL-O-SOUND". Log out in a day or so.

73, Rod N0RC Some days your the bug, some days your the
windshield.
Ft Collins, CO today was more of a bug day...;-)

Date: Thu, 21 Feb 2002 22:36:06 -0600
From: "George, W5YR" <w5yr@att.net>
To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [120550] Re: FOX -- N1Q0??
Message-ID: <3C75CAB6.88776673@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Having had problems working John in the past, I started with him this time and got the pelt at 0202 or thereabouts. He was not loud but plenty readable at 7036.51 here in North Texas.
John's pack seemed to be centered about 7035.00 - 7035.50 but I didn't hear nearly as many Hounds after him as were chasing Rod. He took a little longer - 0228 - due to the competition! <:}

Hope you guys got John later - the XE SSB moved in on him and the copy got really rough later in the evening . . .

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

"Karl F. Larsen" wrote:

>
> Todd I hear the same thing. I think John should be higher than the pack of
> hounds but there is a QSO going on there! I worked Ron up band after a lot
> of tries but I have never even heard John. We may need to wait awhile for
> the band to get longer. VT is a long way from NM...:-)

Date: Fri, 22 Feb 2002 00:34:20 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: k7on@earthlink.net,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [120551] Re: Clean Sweep Cup Arrives
Message-ID: <5.1.0.14.2.20020222003225.04665c30@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 2/22/02 02:18 AM +0000, Brian Short wrote:

>Oh yeah, I forgot:
>
><http://www.qsl.net/k7on/contest/sweeps.htm>
>
>For pictures.

And did you notice they are left handed cups as opposed to the rest of them being right handed cups?

But the clean sweep wisk broom is ambidextrous!

73 Hank K8DD

Date: Fri, 22 Feb 2002 01:19:45 -0800
From: Paul Stroud <aa4xx@ipass.net>
To: qrp-l@lehigh.edu
Subject: [120552] [Fwd: 2nd twin beacon session]
Message-ID: <3C760D31.D3AF3113@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Johan Smet wrote:

>
> A second twin beacon session is planned for this weekend, starting Saturday
> 23, 2300UTC to Sunday 24, 0800UTC.
>
> The AA4XX beacon frequency will be 10,140.000 kHz, running QRSS CW, 10s per
> dot.
>
> The ON5EX beacon frequency will be 10,140.050 kHz. As of the time of
> writing, it is not sure whether ON5EX will run plain QRSS10, or FSKCW. The
> latter mode implies dots and dashes of the same duration (in this case 10s)
> , but separated by 10Hz, the higher tone representing (by convention) a
> dash. Both modes can be visualized using programs like Argo or Spectrans.
>
> Callsign, power output (in mW) and a five letter code will be embedded into
> the beacon string. Both beacons will start with 200mW power output, reducing
> output power depending on propagation conditions.
>
> For those fellow hams not familiar with QRSS modes, freeware programs are
> available to decode these very slow CW transmissions at www.qsl.net/padan/ .
> For more information on QRSS, take a look at:
> www.ussc.com/~turner/qrss1.html .
>
> Any reception reports would be appreciated, either to Paul(aa4xx@ipass.net)
> or Johan (on5ex@pandora.be).

>
> Good luck, 72,
>
> Johan ON5EX

Date: Fri, 22 Feb 2002 01:21:44 -0800
From: Paul Stroud <aa4xx@ipass.net>
To: qrp-1@lehigh.edu
Subject: [120553] [Fwd: ON5EX beacon run, Friday 22FEB]
Message-ID: <3C760DA8.D18E3E9F@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Johan Smet wrote:

> ON5EX will "take over" 10,140,00 kHz, Friday 22, 2300UTC - Saturday 23, 0800
> UTC, 200mW QRSS 10s per dot. Frame: ON5EX 200MW <3 times 5 letter codeword>.
> Feel free to e-mail me at on5ex@pandora.be. A NIL reception report is also
> valuable. Sunset / sunrise times have shown a distinct uprise in signal
> strength. Sunrise at my place is around 0640UTC.
>
> Good beacon hunting, 72,
>
> Johan ON5EX

Date: Fri, 22 Feb 2002 03:03:33 -0800
From: "Trevor Jacobs" <fxtech@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [120554] Squeaky Sounds
Message-ID: <00a001c1bb90\$923f6f00\$3f9cb2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just wondering if anyone else has heard those squeaky sounds on 7.040?
Sounds like Robby the Robot needs an oil job. Any idea what it is? I've
been hearing them in the early morning...like right now...

72/73's
Trev
KG6CYN

Date: Fri, 22 Feb 2002 05:57:07 -0500
From: "Brice D. Hornback" <bdh@cyberbound.net>
To: <qrp-1@Lehigh.EDU>
Subject: [120555] TINY-TORNADO Transceiver Kits - LAST CALL
Message-ID: <09af01c1bb8f\$abbd1e60\$7001a8c0@lwrnc1.in.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Time is running out quickly to order Tiny-Tornado transceiver kits. If you would like to order a kit... now is the time. I accept PayPal, Checks, and Money Orders.

Read the incredible reviews... read what others say about them. There are currently Tiny-Tornado's operating in 27 U.S. states, Canada, UK, Japan, Russia, and more.

While you're at the site... check out the PTO/VFO tuned Tiny-Tornado I built. It uses the PTO by WA60TP. I've also connected a VFO MkII from Kanga and most recently... I've been playing with a AD9835 based DDS VFO tuned Tiny-Tornado. I've posted schematics so if you want... you too can connect a VFO to your Tiny-Tornado.

I've also made available additional low pass filter kits so you can build it as a multi-band rig. Either use a switch to switch in and out the LPF and XTAL or build plug-in modules for 20, 30, 40, and 80 meters! You can also buy extra low pass filter kits and "upgrade" your Pixie.

Here is the direct link:
<http://www.QRPp-I.com/tinytornado.htm>

73/72/71! de Brice KA8MAV

Date: Fri, 22 Feb 2002 05:16:43 -0700
From: "Jerry McCollom" <w0mc@frii.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [120556] [FOX] W0MC FOX LOG 2-14-02 -- FINAL
Message-ID: <002201c1bb9a\$ca29f6b0\$baac11d8@MCCOLL0M186>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Folks,

A few corrections have been included here in my final FOX log.

73,

Jerry

W0MC

TIME	CALL	RST	ST	NAME	PWR
----	-----	---	--	-----	---
0204	WV9N	559	OH	RANDY	5W
0205	W5YR	559	TX	GEORGE	5W
0206	VE5RC	559	SK	BRUCE	5W
0207	W0UFO	559	MN	MERT	5W
0208	N9NE	559	WI	TODD	5W
0210	VE6EX	559	AB	DAN	5W
0211	N0AR	559	MN	SCOTT	5W
0211	W0CH	579	MO	DAVE	900mW
0212	K4GT	559	GA	JIM	5W

0213	K5SR	559	TX	DALE	5W
0214	W0RSP	569	SD	ADE	2W
0215	NQ7X	559	AZ	FLOYD	5W
0216	K7TQ	559	ID	RANDY	5W
0216	VA6RF	559	AB	EARL	5W
0218	N4ROA	559	VA	DAN	4W
0220	K5JHP	559	TX	BILL	5W
0221	AC5JH	559	OK	TOM	5W
0222	KI0II	559	CO	RON	5W
0223	W9HL	559	IL	RANDY	5W
0224	W9XU	559	WI	LON	5W
0225	N4DD	559	TN	DENNIS	5W
0226	K3PH	559	PA	BOB	5W
0227	WA9TZE	559	WI	JIM	5W
0228	N0TK	559	CO	DAN	5W
0231	VE3FAL	579	ONT	FRED	5W
0231	N9AW	579	WI	JERRY	5W
0232	AA50	559	LA	VERN	5W
0233	W5YA	589	NM	FRED	5W
0234	W5USJ	559	TX	CHUCK	5W

0235	N1TP	559	FL	TOM	5W
0237	N0DSP	599	CO	TOM	5W
0238	N0RC	599	CO	ROD	5W
0240	KQ5U	579	TX	TERRY	5W
0243	KD5KXF	559	TX	MIKE	5W
0244	W5TB	559	TX	DOC	5W
0245	N0IT	579	MO	DAVE	5W
0246	WE9K	559	WI	GLENN	5W
0247	K4TJD	579	GA	TOM	5W
0248	K0FRP	579	MO	AL	5W
0249	AF4LQ	579	KY	MIKE	5W
0250	WR50	579	TX	DAVE	5W
0251	KB9LGJ	559	CA	TIM	5W
0253	AA7XA	559	OR	FRANK	5W
0254	K6VNX	559	CA	ARLEN	5W
0255	K5DW	559	TX	DON	5W
0256	AF4PS	579	FL	MAC	3W
0257	K9IS	559	WI	STEVE	4W
0258	NK6A	559	CA	DON	5W
0300	W0PWE	559	IA	JERRY	5W

0301	KB7WW	559	OR	ART	5W
0303	K5E0A	559	LA	WAYNE	5W
0304	NK9G	559	WI	RICK	5W
0306	K9DC	559	IN	DAVE	5W
0308	N6WG	339	CA	BOB	5W
0309	K2PQ	559	NJ	FRANK	5W
0310	N0HRL	559	MN	KEN	5W
0312	K8KFJ	559	WV	GARY	5W
0314	W7ILW	559	AZ	WALT	5W
0316	N3ZPQ	559	OH	FRANK	4W
0317	KG6CYN	559	CA	TREV	5W
0318	N2WW	559	CO	LARRY	5W
0319	N1FN	559	CO	ET	5W
0320	W8RU	579	MI	RON	5W
0321	KK5NA	559	TX	JOE	5W
0322	VE4WI	559	MB	CRAIG	5W
0323	AB0CD	599	CO	DICK	5W
0324	K50I	559	OK	TIM	5W
0325	KV2X	559	NY	TOM	5W
0329	K5JHP	559	TX	BILL	5W

0331 NN5E 559 TX VERN 5W

0334 N5IB 559 LA JIM 5W

0336 KC0ATC 559 CO CHRIS 3W

0340 KC9LC 559 VA RANDY 5W

0341 VE6EX 559 AB DAN 5W

0344 KC1FB 559 CT JIM 5W

0346 N0UR 579 MN JIM 5W

0348 WE6W 229 CA ED 4W

0352 WA8BXN 559 OH MIKE 5W

0353 AG0T 559 ND TODD 4W

0357 WB6BWZ 559 GA MATT 5W

0359 K4FB 559 FL PAUL 5W

0400 W0MC CO FOX 5W

Date: Fri, 22 Feb 2002 05:36:49 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [120557] Re: FOX -- N1Q0??
Message-ID: <Pine.LNX.4.33.0202220534180.1600-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well after 0330 the boy and girl quit and John was Q4 most of the time. But he peaked a bit and I pounced and he heard me. I *THINK* I copied a TU...

On Thu, 21 Feb 2002, George, W5YR wrote:

> Having had problems working John in the past, I started with him this time
> and got the pelt at 0202 or thereabouts. He was not loud but plenty
> readable at 7036.51 here in North Texas.
> John's pack seemed to be centered about 7035.00 - 7035.50 but I didn't hear
> nearly as many Hounds after him as were chasing Rod. He took a little
> longer - 0228 - due to the competition! <:}
>
> Hope you guys got John later - the XE SSB moved in on him and the copy got
> really rough later in the evening . . .
>
> 72/73/00, George W5YR - the Yellow Rose of Texas
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> Amateur Radio W5YR, in the 56th year and it just keeps getting better!
> QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771
> Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437
>
> All outgoing email virus-checked by Norton Anti-Virus 2002
>
>
> "Karl F. Larsen" wrote:
> >
> > Todd I hear the same thing. I think John should be higher than the pack of
> > hounds but there is a QS0 going on there! I worked Ron up band after a lot
> > of tries but I have never even heard John. We may need to wait awhile for
> > the band to get longer. VT is a long way from NM...:-)
>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Fri, 22 Feb 2002 07:43:42 -0500
From: Tim O'Rourke <TO'Rourke@KaiserFT.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [120558] Construction Techniques

Message-ID: <0514B74864ACD511934400508BBB5E3401E28C@EMAIL1>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Avery or a compeditor makes full sheets of clear lables. I will get number from home if anyone is interested. I found that the lables have a milky cast when applied . I did better with the transparency film and spray adhesive. I printed the image in reverse on the "rough" side of film and after a day to dry I sprayed a light coat of 3M adhesive on the side with image and applied to panel. 73 Tim O'Rourke KG4CHX

Date: Fri, 22 Feb 2002 08:56:06 -0500
From: "Tracy, Michael, KC1SX" <mtracy@arrl.org>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [120559] FS: K2 with SSB, AT & mic, \$650
Message-ID: <125490A005E3D3118C9C00805FC743CC0217BA0D@KAHLESS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Previously posted with no takers, so I reduced the price.

For Sale - Elecraft K2, #1303. Has the SSB module and Auto-tuner options only. Firmware was updated once, but is not the latest version. Kenwood hand mic also included. Aligned and calibrated on professional test equipment. This rig has never been operated in the field and is in excellent cosmetic shape.

72, Michael, KC1SX

Date: Fri, 22 Feb 2002 09:07:55 -0500
From: "William K. Harding" <k4ahk@ix.netcom.com>
To: nilsbull@juno.com,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [120560] Re: Check out the S57NAN sites
Message-ID: <E16eGKk-0005Ka-00@barry.mail.mindspring.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Nils:

Thanks for pointing us to S57NAN's site. Very Pretty Stuff !

Bill - K4AHK

>From: Nils R Young <nilsbull@juno.com>
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Check out the S57NAN sites
>Date: Thu, Feb 21, 2002, 2:59 PM
>

>Gang,
>
>I don't know if I've already passed this one on to youze, but here's a
>web site right out my wildest dreams. Only difference is, this guy
>(Aleks/ s57nan) obviously knows what he's doing (unlike my "stumbling
>around in the dark waitin' for the bloodhounds to close in" methodology).
>
><http://lea.hamradio.si/~s57nan/index.html>
>
>Check out the tiny little digital display he's put together.
>(http://lea.hamradio.si/~s57nan/ham_radio/fmtr/fmtr.html)
>including the latest version
>(http://lea.hamradio.si/~s57nan/ham_radio/fc_led_2/fcl2.html).
>
>Or the little CW/SSB rigs he's built
>(http://lea.hamradio.si/~s57nan/ham_radio/tinka/tinka.html,
>http://lea.hamradio.si/~s57nan/ham_radio/tinka/tinka.html).
>
>Problem for me is simple: this stuff's just what I'd like to be able to
>put togehter, but I'd spend more time building & blowin' up stuff than I
>would spend gettin' on the air.
>
>Man's gotta know his limitations.
>
>73
>
>Nils

Date: Fri, 22 Feb 2002 09:42:28 -0500
From: "Mike Boatright" <ko4wx@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [120561] FreqMite programming
Message-ID: <NFBBILMKMIILGKAJMBLKEMFCDA.ko4wx@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I've misplaced my FreqMite programming instructions. Need to program for an Epiphyte 3 transceiver. VFO swings from 4252.6 to 4452.6 for an output of 3.8-4.0MHz (LSB). I think I program an offset of 1000-455 inverted. Could someone either send me the programming or a scan of the manual?

Thanks!

72 de Mike, K04WX

Date: Fri, 22 Feb 2002 09:47:28 -0500
From: "Mike Boatright" <ko4wx@mindspring.com>
To: <qrp-1@Lehigh.EDU>
Subject: [120562] RE: FreqMite programming
Message-ID: <NFBBIILMKMIILGKAJMBLOEMFCDA.ko4wx@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Never mind. I found a copy of the QST Article. Thanks...

72 de Mike, K04WX

-----Original Message-----
From: Mike Boatright [mailto:ko4wx@mindspring.com]
Sent: Friday, February 22, 2002 9:42 AM
To: qrp-1@Lehigh.EDU
Subject: FreqMite programming

I've misplaced my FreqMite programming instructions. Need to program for an Epiphyte 3 transceiver. VFO swings from 4252.6 to 4452.6 for an output of 3.8-4.0MHz (LSB). I think I program an offset of 1000-455 inverted. Could someone either send me the programming or a scan of the manual?

Thanks!

72 de Mike, K04WX

Date: Fri, 22 Feb 2002 16:34:01 +0700

From: "Donny Sirait" <dsirait@centrin.net.id>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [120563] Re: QRP Publications, Are the worth the price?
Message-ID: <000a01c1bbb1\$d5798140\$72ee92ca@donnysirait>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear Folks,
Any QRP publications are worth the price (including the QRP-L archives if
someone
forgot about it, sure I missed the CD rom version greater than ver 3 so I
have to keep all
in my hard disk hi hi)

I think one must born and live in a country such as mine (Indonesia) when
discussing
about lack of technical information to value any information at all.

It took me 10 years to learn the right way to achieve my dxcc, It also took
me more than
15 years to really appreciate the QRP activity (most of our hams here don't
even appreciate it)
just because I do not have enough informatiton.

So I think it is a sin to throw away those publications no matter how cheap
it is for
you guys there in the States to subscribe even to all of the publications.
Do yourself a favour, send youre excess copies to those who need it and sure
you'll
be very much appreciated and also make this world a much better place to
live.

Thank you for reading and thank your for your effort George I really
appreciate itt.

vy 72 de YB1BOD
Donny

Date: Fri, 22 Feb 2002 09:14:17 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: TORourke@KaiserFT.com,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [120564] Construction Techniques [Avery Clear Ink Jet Labels]

Message-ID: <3.0.2.32.20020222091417.0082ab00@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Tim and All,

I found an Avery clear address label trial size pack. Ten sheets of 30 ink jet labels.

Avery # 8660

I've set up a master sheet that lets me print in any one or more of the 30 positions. That way I can print what I need in some number of label positions. What ever is not used one time can be printed another time. Don't try this with a laser printer... 8^)...

I use a program called FrameMaker to set up the master sheet. It prints more accurately than other programs I have.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
QRP-ARCI #5422, QRP-L #1306, SOC #57, 6 Club #201, SMIRK #6275
Zombie #759, QRPp-I #115, COG #11, NETXQRP <http://www.netxqrp.org>

Date: Fri, 22 Feb 2002 08:30:04 -0700
From: "Rod N0RC" <rod@n0rc.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [120565] S56AL was: S57NAN his web page and equip.
Message-ID: <000c01c1bbb5\$cd3b3a10\$6401a8c0@greyrock>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks,

I've admired Aleksander's handiwork for sometime now. I'd love to build that small little rig he shows us, if it were in kit form. (I don't/won't have PCB & metal Fab facilities to replicate his work)

Recall a few years back NorCal offered 100 or so NC20 kits to 3rd world hams. I think it would be exciting if a club or kit-supplier with the wherewithal could gain Aleksander's permission and make a European design available to US hams. Any takers?

73, Rod NØRC
Ft Collins, CO

Date: Fri, 22 Feb 2002 10:51:53 -0500
From: "Hartwell, Martin E, ALINF" <mehartwell@att.com>
To: <qrp-l@lehigh.edu>
Subject: [120566] HTX202 for sale
Message-ID: <6579C6377F475547985F0B3E426E1626328523@OCCLUST01EVS1.ugd.att.com>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi

Well this may be a long shot but I will try
anyway.

I have a Radio Shack HTX202 that has died. I
checked into sending it back to RS repair and
found out they would charge me from \$49 to \$75
to repair it. I knew that the backup battery=20
needed to be replaced. I tried finding out what
it was, it looked like a 3 volt, so I replaced=20
it with a RS unit. Now the original error code
is gone to be replaced with the second one. Both
say in the manual to send it back to the repair
center.=20

So I was wondering if anyone wanted this unit for
parts. I have the HTX202, with everything it came
with.

Radio

Rubber duck

Wrist strap

NiCad battery, needs new cells

Original box

Alkaline battery pack

Manual

And something I purchased extra:
external speaker mic by RS

I want \$30.00 and I will ship with in CONUS.

[illegible]

I no longer use this rig and it had been sitting on my desk for too long. I had it when I first got licensed and used it in the house and had it in the car for about 4 months. There is no bracket for it. I just used it sitting on the passenger seat.

Radio works great. I am asking \$495.00 and will ship CONUS. prefer Money Order. do not have Paypal.

Thanks

Aron

N10DL

Date: 22 Feb 2002 09:53:57 MST
From: "P.Ermisch" <ermisch@usa.net>
To: qrp-l@Lehigh.EDU
Subject: [120568] Re: [Construction Techniques]
Message-ID: <20020222165357.9030.qmail@cpdvvg202.cms.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

While at the office supply store, I looked at the transparency sheets but= had already seen the decals at the hobby store. Between the two I decided on= decals because of their lower profile - I don't expect them to be very du= rable but I'm willing to experiment. If they don't work, I'll may go with the transparency sheets although the panel for my current project has no 'lip= ' to cover the edges.

Not ruling out the clear labels either but I couldn't find them large eno= ugh to make a one-piece panel.

Paul KB0LUR

Tim ORourke <TORourke@KaiserFT.com> wrote:

> Avery or a compeditor makes full sheets of clear lables. I will get num= ber

> from home if anyone is interested. I found that the lables have a milky=

cast

> when applied . I did better with the transparency film and spray adhesi= ve.

I

> printed the image in reverse on the "rough" side of film and after a da= y to

> dry I sprayed a light coat of 3M adhesive on the side with image and applied

> to panel. 73 Tim O'Rourke KG4CHX

Date: Fri, 22 Feb 2002 11:11:30 -0600
From: Dave Sjolín <sjolin@swbell.net>
To: Qrp-l Reflector <qrp-l@Lehigh.EDU>
Subject: [120569] FOX: CUB FOX N0IT FINAL LOG - 2/19/02
Message-ID: <3C767BC2.7C91B372@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Attached is my final log from the February 19 Cub Fox Hunt. Total of 65 pelts including myself as fox. Thanks again to all who stopped by and

made this a fun evening.

73 de Dave, N0IT

UTC	CALL	MY RST	STATE	NAME	POWER
0211	W5USJ	559	TX	CHUCK	5W
0212	K5JHP	559	TX	BILL	5W
0213	W5YR	559	TX	GEORGE	5W
0215	WA9TZE	599	WI	JIM	5W
0216	N4MAP	559	GA	SAM	5W
0217	AJ4AY	559	AL	JAY	5W
0218	K0FRP	599	CO	AL	5W
0219	K5SR	559	TX	DALE	5W
0220	VE5RC	559	SK	BRUCE	5W
0220	N8VAR	559	OH	RON	5W
0222	W0CH	579	MO	DAVE	900mw
0223	N9AW	559	WI	JERRY	900mW
0224	AA50	559	LA	VERN	5W
0225	KK5LD	559	TX	DAN	5W
0226	K8KFJ	559	WV	GARY	5W
0227	K9UT	559	IN	JERRY	5W
0229	NK9G	559	WI	RICK	5W
0230	K5DW	559	TX	DON	5W
0231	K4GT	599	GA	JIM	5W
0232	N5ZE	559	TX	LEW	5W
0233	AF4PS	579	FL	MAC	3W
0235	KB9DRT	599	WI	BOB	5W
0235	K8CV	559	MI	WALT	5W
0236	KD5KXF	559	TX	MIKE	5W
0238	K0EVZ	599	ND	DOC	5W
0239	W8YMO	559	OH	HARRY	5W
0240	WA8BXN	559	OH	MIKE	5W
0242	K8DD	539	MI	HANK	5W
0243	W0IS	589	MN	RICK	5W
0244	WE9K	599	WI	GLENN	5W
0245	WA7LNW	579	UT	JACK	5W
0246	AG0T	599	ND	TODD	350mW
0249	KB0LUR	559	CO	PAUL	4W
0250	VE4WI	559	MB	CRAIG	5W
0252	N4IM	559	TX	COLE	5W
0256	KC1FB/4	559	SC	JIM	5W
0257	AB8DF	559	MI	ED	5W
0258	N9WW	559	IL	JIM	5W
0259	WR50	559	TX	DAVE	5W
0300	W9HL	559	IL	RANDY	5W

0302	N0RC	559	CO	ROD	5W	
0307	VA6RF	559	AB	EARL	5W	
0308	N9NE	559	WI	TODD	25MW	
0311	NX8C	559	MI	NEIL	5W	
0311	K4BYF	559	FL	JACK	5W	
0313	K4ADI	559	FL	FRANK	5W	
0316	AF4AT	559	NC	JIM	5W	
0321	KC9LC	559	VA	RANDY	5W	
0321	KG4LDY	559	VA	JIM	5W	
0327	K4NK	559	SC	LES	3W	
0328	W5TB	559	TX	DOC	5W	
0330	WB8CAC	569	NC	BOB	2W	
0335	KL7IXI	339	WA	MIKE	4W	
0336	WB6BWZ	579	GA	MATT	5W	
0338	WB8WTU	559	OH	DENNIS	5W	
0340	W9XU	559	WI	LON	5W	
0341	WV9N	559	OH	RANDY	5W	
0343	K5DI	559	TX	KARL	5W	
0344	AJ9U	559	WI	BOB	5W	
0345	KI0II	559	CO	RON	1W	
0346	N10DL	559	NH	ARON	4W	
0351	KB7WW	559	OR	ART	5W	
0353	KK5LD	559	TX	DAN	5W	DUPE
0354	W9MC	559	WI	MIKE	5W	
0355	NF0R	599	MO	DAVE	50MW	
0359	KI0II	559	CO	RON	200MW	DUPE
0400	N0IT	FOX	MO	DAVE	5W	

Date: Fri, 22 Feb 2002 12:21:28 -0500
 From: "John L. \"Jake\" Carter" <jakecart@ix.netcom.com>
 To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
 Subject: [120570] S57JA/qrp on 28.061 at 1714 UCT
 Message-ID: <GCECIJFJPOHMCKACOA0BKEHPDIAA.jakecart@ix.netcom.com>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="US-ASCII"
 Content-Transfer-Encoding: 7bit

S57JA/QRP is calling CQ on 28.061 now.

Jake - N4UY
 Vienna, VA

(Wash DC suburbs)

Date: Fri, 22 Feb 2002 11:21:26 -0600
From: "David Ek" <ekdave@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [120571] QRPTTF 2002 Date?
Message-ID: <20020222172126.15655.qmail@earthlink.net>
Content-Type: text/plain; charset="iso-8859-1"
Content-Disposition: inline
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

Has the date for QRPTTF for this year been set yet? Gotta get it on my calendar before something else sucks up that weekend...

73 de Dave NK0E

--

Date: Fri, 22 Feb 2002 12:52:13 -0500
From: Dave Leduc <k1epj@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [120572] Re: Clean Sweep Cup Arrives
Message-ID: <3C76854D.2022BE3D@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>Oh yeah, I forgot:

><http://www.qsl.net/k7on/contest/sweeps.htm>

>For pictures.

Whew, glad that I only got 66 sections :)
Dave K1EPJ

Date: Fri, 22 Feb 2002 13:05:01 -0500

From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <k1epj@aol.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [120573] Re: Clean Sweep Cup Arrives
Message-ID: <00f001c1bbcb\$737b4c20\$1a05b3d8@obvious>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yeah, RIGHT ! (-:

Dick K2JQ

-----Original Message-----

From: Dave Leduc <k1epj@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Friday, February 22, 2002 12:53 PM
Subject: Re: Clean Sweep Cup Arrives

>Whew, glad that I only got 66 sections :)
>Dave K1EPJ

Date: Fri, 22 Feb 2002 11:25:16 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu, qfox@egroups.com
Subject: [120574] FOX: W0CQC Log for Hunt 34
Message-ID: <3C762A9C.23127.550B79@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

Finally! Sorry about the delay, but here 'tis...

It was a good run, and lots of fun, especially
changing ops periodically.
We had two paddles wired in parallel and at one
point whichever of us
heard a call first would hit the paddle,
hopefully not both at the same
time. It was also fun for us to take turns going
out to the car, parked
in the street, so we could work W0CQC with our

own calls and of course
W0MC who was a little more of a challenge [g]

Congrats to all who managed to score a pelt, and
good luck in the
remaining hunts.

73 DE Larry and ET

.

QRP-L 40M Fox Hunt
Hunt 34, 2/14/02
Call: W0CQC (club station of the Colorado QRP
Club)
Ops: N1FN (ET) AND N2WW (LARRY)
EQUIPMENT:
FT-920 5W TO C4 @ 40', GAP TITAN VERT

TIME CALL RST STATE OP PWR
0200 W0UFO 559 MN MERT 5W
0201 VE6EX 589 AB DAN 5W
0201 K0FRP/0 579 MN AL 5W
0202 W5YR 559 TX GEORGE 5W
0203 W0CH 559 MO DAVE 900MW
0203 N0AR 550 MN SCOTT 5W
0204 W9XU 559 WI LON 5W
0205 K8CV 559 MI WALT 5W
0205 K500I 559 OK TIM 5W
0206 W7CV 579 AZ LARRY? 3W
0207 WA9TZE 559 WI JIM 5W
0207 NQ7X 559 AZ FLOYD 5W
0208 AA7XA 559 OR FRANK
0208 W0RSP 579 SD ADE 2W
0209 VA6RF 559 AB EARL 5W
0211 AC5JH 559 OK TOM 5W
0212 K5JHD 559 TX BILL 5W
0213 W5USJ 559 TX CHUCK 5W
0214 VE3FAL 559 ON FRED 5W
0214 VE5RC 559 SK BRUCE 5W
0215 W3CD 559 CA BOB 5W
0215 KK5LD 599 TX DAN 5W
0216 AB0CD 599 CO DICK 5W
0216 K9IS 559 WI STEVE 4W
0217 N1TP 559 FL TOM 5W
0218 N0TK 559 CO DAN 5W
0219 VE6JAZ 559 AB ROB 5W
0220 N4DD 559 TN DENNIS 5W
0220 KK5NA 559 TX JOE 5W

0221 N3ZPQ 559 OH FRANK 4W
0222 W5YA 589 NM FRED 5W
0223 AA50 559 LA VERN 5W
0224 K3IU 559 RI KEN 5W
0224 K3PH 559 PA BOB 5W
0225 N4ROA 559 VA DAN 5W
0225 N0DSP 559 CO TOM 5W
0226 W7ILW 559 AZ WALT 5W
0227 KQ5U 559 TX TERRY 5W
0227 KB7WW 559 OR ART 5W
0228 K7TQ 559 ID RANDY 5W
0229 KD5LXF 559 TX MIKE 5W
0230 AG0T 559 ND TODD 4W
0230 K9IUA 559 IA KEVIN 5W
0231 N0RC 559 CO ROD 5W
0231 AF4LQ 559 KY MIKE 5W
0232 AE4Y 559 GA KENT 5W
0233 N9AW 559 WI JERRY 5W
0234 W8DIZ 579 OH DIZ 5W
0234 KB9LGJ 559 CA TIM 5W
0235 NK6Z 559 CA DON 5W
0235 N1FN/M 599 CO ET 1W
0236 K4TJD 599 GA TOM 5W
0237 WE9K 559 WI GLENN 5W
0238 WV9N 559 OH RANDY 5W
0238 N0HRL 559 MN KEN 5W
0239 W5TB 559 TX DOC 5W
0240 W8SFF 559 MI STEVE 5W
0241 K5SR 559 TX DALE 5W
0241 N6WG 559 CA BOB 5W
0242 K9DC 559 IN DAVE 5W
0242 K2PQ 559 NJ FRANK 5W
0243 W9HL 559 IL RANDY 5W
0244 WA9TZE 559 WI JIM 5W DUPE
0244 KI0II 559 CO RON 5W
0245 AF4PS 579 FL MAC 3W
0245 K4GT 559 GA JIM 5W
0246 KC1FB 559 CT JIM 5W
0246 KF2PG 559 NY NICK 5W
0247 K6VNX 559 CA ARLEN 5W
0247 KS4L 559 AL RANDY 5W
0248 KG6CYN 559 CA TREV 5W
0249 W0PWE 599 IA JERRY 5W
0250 WB6BWZ 559 559 GA MATT 5W
0251 N0IT 599 MO DAVE 5W
0251 N5IB 559 LA JIM 5W
0252 WA8BXN 559 OH MIKE 5W
0253 K5DW 559 TX DON 5W

0253 WR50 559 TX DAVE 5W
0254 K4NK 569 SC LES 5W
0255 NK9G 559 WI RICK 5W
0256 K8MIA 559 WV JIM 5W
0257 N9NE 589 WI JOE 5W
0258 N2WW/M 599 CO LARRY 1W
0259 K8KFJ 579 WV GARY 5W
0259 N9IK 559 IL THOR 5W
0300 WE6W 569 CA ED 4W
0302 K4BYF 559 FL JACK 5W
0303 W4NJK 599 MI RON 5W
0304 W8RU 599 MI RON 5W
0304 AF4PP 579 GA CHUCK 5W
0305 NU8S 559 OH DENNIS 5W
0306 NN5E 559 TX VERN 5W
0306 N9IJ 549 IL LEN 5W
0308 K4ADI 559 SC FRANK 5W
0309 KV2X 559 NY TOM 5W
0310 NX8C 559 MI NEIL 5W
0311 K5EDA 559 LA WAYNE 5W
0312 NV4V 559 KY PETE 5W
0313 K2JY 599 NY STEVE 5W
0322 N4JIU 559 NY BRUCE 5W
0323 KC9LC 559 VA RANDY 5W
0324 VE4WI 559 MB CRAIG 5W
0325 WB8CAC 579 NC BOB 2W
0326 N9WW 559 IL JIM 5W
0327 N5DGB 559 TX TOM 5W
0328 KE6RX 559 CA RON 5W
0331 KC0ATC 449 CO CHRIS 3W
0332 VE6EX DUPE
0334 N1ODL 559 NH AARON 3W
0335 N5IJ 559 TX RICH 5W
0336 K4FB 559 SC PAUL 5W
0337 W5XU 559 LA DAVID 5W
0338 W8MTU 559 OH DENNIS 2W
0340 NK0E 559 CO DAVE 5W
0341 W9BV 559 IN TRUMAN 5W
0342 KK6AW 449 CA KELS 5W
0344 KJ0C 559 MO JIM 5W
0345 W4GNK 599 LA MIKE 5W
0346 WA2TDL 579 NY CHUCK 5W
0347 AK7D 599 OR FRED 5W
0350 NQ7T 559 WA GARY 5W
0353 KB0LUR 559 CO PAUL 3W
0356 AJ9U 559 WI BOB 5W
0358 KB9DCT 599 WI BOB 5W
0359 W0HEP 599 CO RICH 5W

0359 N5FOC 599 NM FRED 5W
0400 W0MC 559 CO FOX 5W

73
Marshall Emm
N1FN/VK5FN
n1fn@MorseX.com
Morse Express and Oak Hills Research
"Everything for the Morse Enthusiast"
<http://www.MorseX.com>
<http://www.ohr.com>
(303)752-3382
--

Date: Fri, 22 Feb 2002 14:22:21 -0500 (EST)
From: <jhisson1@columbus.rr.com>
To: <qrp-1@Lehigh.EDU>
Subject: [120575] QRP during low sunspots
Message-ID: <Pine.LNX.4.33.0202221406410.12697-100000@localhost.localdomain>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang,

Since being a newcomer to Amateur Radio (licensed in 97), what is QRP going to be like when the sun sleeps? Will the bands be dead? (at least the upper bands).

Anyways, just wondering...

Jason
N8XE

Date: Fri, 22 Feb 2002 15:23:30 -0500
From: Ken Newman <N2CQ@dandy.net>
To: EPA-QRP@yahoogroups.com, QRP-L@lehigh.edu, njqrp@njqrp.org,
n9avg@amsat.org, w3bg@arrl.net
Subject: [120576] [CONTEST] N2CQ QRP Contest Calendar
Message-ID: <3.0.6.32.20020222152330.0091e100@mail.dandy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~

## N2CQ QRP CONTEST CALENDAR

February 22-28, 2002

~~~~~

40 METER FOXHUNTS

Fox Hunt - Thursdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.

Info: <http://www.cqc.org/fox>

Cub Fox Hunt - Tuesdays - 9pm EST, 8PM CST, 7PM MST and 6PM PST.

Info: <http://www.zianet.com/k5di/fox/>

Truffle Hunt - Tue & Thur - 30 min before Fox Hunt

Info: http://fpqrp.com/pig_hunt.html

~~~~~

### CQ 160 Meter Contest (SSB) ... QRP Category

Feb 22 - 2200z to Feb 24 - 1600z

Rules: <http://www.cq-amateur-radio.com/cq160rules.html>

"Give it a try"

~~~~~

REF (French) Contest (SSB)

Feb 23 - 0600z to Feb 24 - 1800z

Rules: <http://www.arrl.org/contests/months/jan.html>

"Some rare French DX may operate here"

~~~~~

### North Carolina QSO Party (CW/SSB) 100w max

Feb 24 - 1700z to Feb 25 - 0300z

Rules: <http://www.w4nc.org/ncqsoparty.html>

"Work NC Counties"

~~~~~  
UBA DX Contest - Belgium (CW) ... QRP Category

Feb 23 - 1300z to Feb 24 - 1300z

Rules: <http://www.uba.be/HF/conrules/UBArulesfor.htm>

"Very good QRP entry. Work anyone. Software available for download"

~~~~~  
High Speed CW Club Contest ... QRP Category

Feb 24 - 0900z to 1100z

Feb 24 - 1500z to 1700z

Rules: <http://www.morsecode.dutch.nl/hscindex.html>

"Work anyone (if you can copy)"

~~~~~  
Colorado QRP Club Winter QSO Party (CW/SSB) ... QRP Contest!

Feb 24 - 2200z to Feb 25 - 0359z

Rules: <http://www.cqc.org/contests/winter02.htm>

"Work any QRP station"

~~~~~  
Please send your sprint or contest info to: [N2CQ@ARRL.NET](mailto:N2CQ@ARRL.NET)

We will include it in the calendar.

Thanks to WA7BNM, SM3CER, ARRL and others for assistance in compiling this calendar.

Anyone may use this "N2CQ QRP Contest Calendar" for your website, newsletter, e-mail list or other media as you choose.

(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

[N2CQ@ARRL.NET](mailto:N2CQ@ARRL.NET)

\*\*\*\* N2CQ QRP Contest Calendar \*\*\*\*

<http://www.njqrp.org/data/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

<http://www.qsl.net/cqrp/contests.html>

-----  
Date: Fri, 22 Feb 2002 13:31:38 -0700 (MST)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: Bruce Muscolino <w6toy@erols.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [120577] Re: Standards vs. conventions  
Message-ID: <Pine.SUN.4.10.10202221052500.22089-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 21 Feb 2002, Bruce Muscolino wrote:

> We throw around words like "Standards" without really ever  
> thinking much about what they mean and how they are applied.  
>  
> A standard is something that can be objectively measured and MUST be met  
> by all manufacturers.  
>  
> A convention is similar to a standard but is not maintained by any  
> organization and manufacturers do not have to meet it! We have a  
> tendency to use the two words interchangeably.

I don't want anyone to stroke out here, but I do agree with Bruce on this one. Standards are very important in industry to ensure your product meets certain criteria. The designers of our QRP kits, for example, establish specs, or standards, that MUST be met to ensure a baseline of minimum expected performance. These are *\*their\** standards, however, as few industry standards exist we must follow.

However, for us homebrewer's and experimenters, this is not industry ... this is amateur radio ... a HOBBY. There are very few standards we must adhere to. Mostly just the very few placed on us by the FCC regarding power, spurious emissions, etc. Virtually the rest of the hobby is nothing but conventions, standard practices and tradition, rather than standards. Some conventions we use are even wrong, but persist for years. (Like putting a 47V zener on a mosfet PA drain for SWR protection - when the internal diodes will protect it to 100V!). Although it doesn't really hurt anything, just a wasted 15 cents :-). These conventions are passed word-of-mouth and through the excellent resources we all use ... the ARRL Amateur Radio Handbook, Solid State Design, Radio Frequency Design, the QRP Notebook ... to the various QRP journals and websites, even QRP-L. All establish and promulgate the conventions we

use and those that have passed the "test of time" for doing something.

As a hobby, we are ALWAYS balancing performance vs. COST. Many of the circuits we use for oscillators, mixers, PA's, etc. are ingenious and impressive, yielding very acceptable performance for such simple circuits. Some of us strive to just merely build something so it works, while others strive to make it the best they can. It's all a function of the knowledge, effort and money we want to put in to it. Money, perhaps, is number one for most hams :-(

So the moral of this story is to remember this is a HOBBY, which is based 99% on conventions and traditions, and 1% on standards. Many of the posts on QRP-L come from those sharing their experiences from both the HOBBY point of view, and INDUSTRY. Both are valid; you decide what level of skill you are striving for. The bottom line is: when you build something, did it work? Did you make a QSO with it? Did you wipe out your neighbors TV in the process? Can you make it better? Learn what you wish from QRP-L, but for those new to homebrewing, don't get caught up that you have to understand all these technical discussions to succeed, or one way is right, another wrong.

So again, Bruce brings out a good point of understanding the differences between standards and conventions, and realizing ham radio for the most part consists of the later. Do your own thing ... providing it follows the STANDARDS of FCC Part 97 -hi.

72, Paul NA5N

-----  
Date: Fri, 22 Feb 2002 11:46:56 -0900  
From: Jim Larsen - AL7FS <AL7FS@ARRL.NET>  
To: jhisson1@columbus.rr.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [120578] Re: QRP during low sunspots  
Message-ID: <3C76AE40.AEC48260@ARRL.NET>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Jason,

You will get totally different answers from the QRPers in the lower latitudes but up here in Alaska life can get pretty grim for a QRPer. I have gone for a week at a time with not one signal on 20 through 10 meters. WB5WHN was up here visiting one time and was shocked to hear no

signals on 20 meters. He is now a believer. At this time in the sunspot cycle I don't think Alaska on QRP is very rare but give it a few more years and it gets much tougher to make QSOs. I do very little QRPP work during those years but have had some success at this sunspot peak (<http://www.qsl.net/al7fs/AL7FS-ZL1MH.html> ).

I do have the opportunity to read message after message about how good the bands are so it can't be all that bad even if I can't hear any of the stations. :-)

Just keep at it...QRP is lots of fun.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska  
(BP51cc) - 61.101 North, 149.824 West  
<mailto:al7fs@arrl.net> - <http://www.qsl.net/al7fs/>

jhisson1@columbus.rr.com wrote:  
what is QRP going to be like when the sun sleeps? Will the bands be dead? (at least  
> the upper bands). Jason N8XE

-----  
Date: Fri, 22 Feb 2002 13:00:50 -0800  
From: Mark Schoonover <[schoon@amgt.com](mailto:schoon@amgt.com)>  
To: "'AL7FS@ARRL.NET'" <AL7FS@ARRL.NET>,  
Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [120579] RE: QRP during low sunspots  
Message-ID: <BF889CEBEFD2D511B993009027F60ABE15545D@AG-JASMINE-NT4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Well, there's two seasons to QRP - operate and build. When the bands are flat, I build. When they are hot, I operate. Either way it's QRP!

72

--{ Mark E Schoonover KA6WKE  
--{ Senior Hacker, IS Gopher, Hardware Fiend  
--{ American Geotechnical  
--{ <http://www.qsl.net/ka6wke>  
--{ [ka6wke@amsat.org](mailto:ka6wke@amsat.org)

-----Original Message-----

From: Jim Larsen - AL7FS [mailto:AL7FS@ARRL.NET]

Sent: Friday, February 22, 2002 12:47 PM

To: Low Power Amateur Radio Discussion

Subject: Re: QRP during low sunspots

Hi Jason,

You will get totally different answers from the QRPers in the lower latitudes but up here in Alaska life can get pretty grim for a QRPer. I have gone for a week at a time with not one signal on 20 through 10 meters. WB5WHN was up here visiting one time and was shocked to hear no signals on 20 meters. He is now a believer. At this time in the sunspot cycle I don't think Alaska on QRP is very rare but give it a few more years and it gets much tougher to make QSOs. I do very little QRPP work during those years but have had some success at this sunspot peak (<http://www.qsl.net/al7fs/AL7FS-ZL1MH.html> ).

I do have the opportunity to read message after message about how good the bands are so it can't be all that bad even if I can't hear any of the stations. :-)

Just keep at it...QRP is lots of fun.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska

(BP51cc) - 61.101 North, 149.824 West

mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

jhisson1@columbus.rr.com wrote:

what is QRP going to be like when the sun sleeps? Will the bands be dead? (at least

> the upper bands). Jason N8XE

-----  
Date: Fri, 22 Feb 2002 16:04:27 -0500

From: "Pastor-KC1DI" <elbc@pivot.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [120580] Possible FT OHR-100-30

Message-ID: <005701c1bbe4\$84a618e0\$f7a9ba42@dor>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit



I have an OHR 100 not the A Model. for 30 Meters works great.. but have been thinking I'd like to trade for some older hollow state equipment. Any one have anything they would consider trading?  
thanks for the bandwidth.  
73/72 Dave KC1DI

---  
Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.325 / Virus Database: 182 - Release Date: 2/19/02

-----  
Date: Fri, 22 Feb 2002 16:13:42 -0500  
From: Pete Burbank <plburbank@kih.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [120581] Re: QRP during low sunspots  
Message-ID: <5.0.2.1.0.20020222154128.00aec4b0@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:22 PM 2/22/2002 -0500, jhisson1@columbus.rr.com wrote:

>Hi gang,  
>  
>Since being a newcomer to Amateur Radio (licensed in 97), what is QRP  
>going to be like when the sun sleeps? Will the bands be dead? (at least  
>the upper bands).  
>  
>Anyways, just wondering...  
>  
>Jason  
>N8XE

Jason ,  
Keep wondering;  
That's what makes it fun:-)  
The bands above 10 Megacycles get a bit funky. The last time the solar flux dropped below 100, 30 meters was really interesting with lots of DX and sometimes a tunnelling effect ....stateside. 40 is always pretty solid and 80 is fun also.  
I'm far from being an expert on this subject...just my 2 cents.  
Back to the Red Hot 40 on the workbench....a challenge even for an old tech like me.

73

Pete NV4V

-----  
Date: Fri, 22 Feb 2002 13:49:04 -0800 (PST)  
From: Bill ROWLETT <kc4atu@yahoo.com>  
To: jhisson1@columbus.rr.com,  
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [120582] Re: QRP during low sunspots  
Message-ID: <20020222214904.15220.qmail@web14204.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Jason,

When the bands are hot, you work on 5 band DXCC, when  
the bands are not, you work on 30, 40 and 80 meter  
WAS.

Also a good time to build up the grid square totals on  
2 meter ssb,cw. Not on 2 meters you say, low sunspot  
time is a good time to start.

What it boils down too, is that there is enough  
choices out there in this hobby to keep the QRP  
signals going no mater what the sun  
does(cw,ssb,psk31,ritty,sctv,etc) Pick something and  
have fun.

73, Bill kc4atu

-----  
Do You Yahoo!?  
Yahoo! Sports - Coverage of the 2002 Olympic Games  
<http://sports.yahoo.com>

-----  
Date: Fri, 22 Feb 2002 15:22:22 -0700 (MST)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <jhisson1@columbus.rr.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [120583] Re: QRP during low sunspots  
Message-ID: <Pine.LNX.4.33.0202221516440.3444-100000@Daisy.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Ten meters will be dead except for rare openings local and along the north and south poles. Fifteen will be open for a few hours each day, more or less. Twenty will be also open but not every day. Forty will be good during the winter months.

There will be nothing much different between 5 and 100 watts. If you can't work him with 5 you won't do much better with 100 watts. Just like now.

On Fri, 22 Feb 2002 jhisson1@columbus.rr.com wrote:

> Hi gang,  
>  
> Since being a newcomer to Amateur Radio (licensed in 97), what is QRP  
> going to be like when the sun sleeps? Will the bands be dead? (at least  
> the upper bands).  
>  
> Anyways, just wondering...  
>  
> Jason  
> N8XE  
>  
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -  
<http://www.zianet.com/k5di/>

-----  
Date: Fri, 22 Feb 2002 23:37:16 +0100  
From: "Ingo, DK3RED" <dk3red@t-online.de>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [120584] [HB] NJ pad cutter and ICs  
Message-ID: <3C76C81C.3DC68637@t-online.de>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello QRPers and homebrewer,

How can I put an IC on a board designed with the NJ pad cutter? The space between the IC pins are 0.1 inch, but the cutter is 0.2 inch in diameter. Yes, I know the procedure for ICs on boards designed in manhattan style.

But I want to use (if possible) no glued pads on the cutted board. The only way I know at the time is to solder the IC pins which not go to the ground together with the pins from the other parts in the air (like the ugly style or dead bug style). Any other suggestions?

P.S. Thanks to the gang from the NJ QRP club for this great tool.

--

72/73 de Ingo, DK3RED     Don't forget: the fun is the power!  
dk3red@t-online.de     <http://www.qsl.net/dk3red>  
DL-QRP-AG #824     <http://www.dl-qrp-ag.de>

-----

Date: Fri, 22 Feb 2002 17:44:32 -0500 (EST)  
From: Chris Cartwright <ccart@phideaux.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [120585] Re: [HB] NJ pad cutter and ICs  
Message-ID: <Pine.LNX.4.21.0202221741190.7480-1000000@dns.phideaux.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 22 Feb 2002, Ingo, DK3RED wrote:

> How can I put an IC on a board designed with the NJ pad cutter? The space  
> between the IC pins are 0.1 inch, but the cutter is 0.2 inch in diameter.

Is it possible to cut the pad in half with an Exacto knife or dremmel? There's been a lot of discussion of "manhattan building" and IC's over the past few weeks, so I'm sure you'll get lots of feedback.

-- Chris Cartwright,     Unix Administrator |     ccart@phideaux.com     --  
-- N3XRV     ARRL-VE     Norcal Zombie #163     |     Oxford, PA 19363 FM29as     --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----

Date: Fri, 22 Feb 2002 14:49:48 -0800  
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>  
To: elecraft@mailman.qth.net, QRP-L <qrp-l@lehigh.edu>,  
K6BJ list <k6bj@k6bj.org>  
Subject: [120586] Elecraft at Radiofest Monterey tomorrow  
Message-ID: <3C76CB0C.F15C9952@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Just a reminder that Wayne (N6KR), Scott (AH6KL) and I will be at Radiofest in Monterey tomorrow with all of our goodies, including a demo of the final K2/100. The show runs from about 7:00 AM to 1:00 PM.

I'll also be giving a talk on Advanced Receiver Design at 10:30.

For additional information, see: <http://www.k6ly.org/radiofest/index.html>

73, Eric WA6HHQ  
[www.elecrafter.com](http://www.elecrafter.com)

-----  
Date: Fri, 22 Feb 2002 17:52:40 -0800  
From: "Ronald Hands" <[ronald.hands@sympatico.ca](mailto:ronald.hands@sympatico.ca)>  
To: "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [120587] Drake microphone pinout?  
Message-ID: <004d01c1bc0c\$d9cced80\$0264a8c0@p3>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I want to try to use a Drake hand mike on a Ten Tec radio (Scout or Corsair II).

Info I've been able to look up seems to indicate that the Drake 4-pin mike puts audio on pin 1, PTT on pin 2 and ground on pin 3.

Ten Tec, on the other hand, puts audio on pin 1, ground on pin 2, and PTT on pin 3.

Can anyone (Nils?) confirm that I have the correct information for the Drake standard?

-- Ron VE3SP

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Date: Fri, 22 Feb 2002 18:24:41 -0500  
From: John Wagner <[john@wagner-usa.net](mailto:john@wagner-usa.net)>  
To: <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>, <[qfox@yahoo.com](mailto:qfox@yahoo.com)>  
Subject: [120588] FOX: 2/22/2002 N1Q0 Fox Log v1.0  
Message-ID: <B89C3D68.193%john@wagner-usa.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Version 1.0 of my fox log from last evening as typed up on my new (used) Mac powerbook using Emacs (of all things!). Please submit any corrections to me ASAP.

73,

John, N1Q0

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FOX LOG 2/22/2002 0200Z N1Q0

0200 N9NE 55N WI TODD 5W  
0200 K3IU 55N RI KEN 5W  
0201 W5YR 55N TX GEORGE 5W  
0202 WE9K 55N WI GLENN 5W  
0203 K8KFJ 57N WV GARIE 5W  
0204 N3ZPQ 55N OH FRANK 5W  
0205 K8DD 57N MI HANK 5W  
0205 WA8BXN 55N OH MIKE 5W  
0207 W9HL 55N IL RANDY 5W  
0208 N1FN 55N CO ET 5W  
0209 KR2F 55N NY VINNY 5W  
0211 N8VAR 55N OH RON 5W  
0213 K0EVZ 55N ND DOC 5W  
0213 W9XU 55N WI LON 5W  
0215 W5TB 55N TX DOC 5W  
0215 N4ROA 55N VA DAN 5W  
0216 N2WW 55N CO LARRY 5W  
0217 N0SRL 55N MN KEN 5W  
0218 KC9LC 55N VA RANDY 5W  
0220 WA9TZE 55N WI JIM 5W  
0221 W0RSP 55N SD ADE 3W  
0222 W4GN 55N OH RANDY 5W  
0223 N9AW 55N WI JERRY 5W  
0225 NK9G 55N WI RICK 5W  
0225 K3PH 55N PA BOB 5W  
0226 N9IJ 55N IL LEN 5W  
0227 K4TJD 55N GA TOM 5W  
0228 K9DC 55N IN DAVE 5W  
0229 N1ZSW 55N MA RON 5W  
0230 KR5C 55N TX GEORGE 5W  
0231 K4BYF 55N FL JACK 5W  
0232 W0UFO 55N MN MERT 5W  
0233 K0FRP 55N CO AL 5W  
0236 K0CNT 55N CA GEORGE 5W  
0237 VE5RC 55N SK BRUCE 5W  
0238 AA50 55N LA VERN 5W

0239 K0PC 55N MN PAT 5W  
0240 KC1FB/4 55N SC JIM 5W  
0241 W0CH 55N MO DAVE 800MW  
0242 VE4WI 55N MB CRAIG 5W  
0243 N0TK 55N CO DAN 5W  
0244 VE6JAZ 55N AB BOB 5W  
0245 NU8S 55N OH DENNIS 5W  
0246 KQ5U 55N TX TERRY 5W  
0248 K8CV 55N MI WALT 5W  
0249 AA3UR 57N PA DAVE 2W  
0251 NX8C 55N MI NEIL 5W  
0252 K4ADI 55N SC FRANK 5W  
0252 W8RU 55N MI RON 5W  
0254 K9XZ 55N WI BOB 5W  
0256 N4MAP 55N GA SAM 5W  
0258 K5EOA 55N LA WAYNE 5W  
0302 N0UR 55N MN JIM 5W  
0303 AC5JH 55N OK TOM 5W  
0306 VE6EX 55N AB DENNIS 5W  
0309 KJ0C 55N MO JIM 5W  
0312 KV2X 57N NY TOM 5W  
0317 K5ZTY 55N TX BILL 5W  
0318 AF4PS 55N FL MAC 3W  
0319 K2PQ 56N NJ FRANK 5W  
0320 AF4LQ 55N KY MIKE? 5W  
0320 W5YA 55N NM FRED 5W  
0321 K5DI 55N NM KARL 5W  
0327 W5USJ 55N TX CHUCK 5W  
0329 KG4LDY 55N VA JIM 1W  
0330 WB8WTU 55N OH DENNIS 2W  
0333 NV4V 55N KY PETE 4W  
0335 KR5TC 55N TX GEORGE 5W  
0338 N0AR 55N MN SCOTT 5W  
0339 VA6RF 55N AB EARL 5W  
0342 KD5KXF 55N TX MIKE 5W  
0344 K7TQ 55N ID RANDY 5W  
0345 W0IS 55N MN RICK 5W  
0348 VE3FAL 55N ON FRED 5W  
0350 K9IUA 5NN IA KEVIN 5W  
0352 K5JHP 55N TX BILL 5W  
0354 NQ7X 55N AZ FLOYD 4W  
0355 KB7WW 55N OR ART 5W  
0357 WA8NTA 55N CO RICH? 5W  
0358 AA7XT 55N OR FRANK 5W  
0359 KI0II 549 CO RON 5W  
0400 N1QO 55N VT FOX 5W

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Date: Fri, 22 Feb 2002 18:28:39 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: "Paul Harden, NA5N" <na5n@rt66.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [120589] Re: Standards vs. conventions  
Message-ID: <3C76D427.D552F025@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Ohmigosh, I said something Paul agreed with! Where, oh where, did I go wrong. Am I having a stroke?

I think it is important to also note, as Paul said, that there are standards and there are standards. What a manufacturer calls a standard is not necessarily an industry standard. It may not be traceable to any other objective source.

Probably we should have another name for those things. I would propose specification. A specification can be local or industry wide. Local specifications cover most small manufacturers quite well. there is no reason to relate them to any other manufacturer.

In general, I think you should all think about what words you are using. It is easy to use a word without thought and later find out you are using the word incorrectly. I was guilty of this until I thought about it!

Standards are very important to our field. Specifications are very important to manufacturers. Conventions are very important to our hobby. They are all different but using the wrong word at the wrong time can cause major confusion!

73

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Date: Fri, 22 Feb 2002 17:53:25 -0600  
From: David Gauding <david.gauding@bbs.galilei.com>  
To: qrp-l@lehigh.edu  
Subject: [120590] Re: [HB] NJ pad cutter and ICs  
Message-ID: <5.1.0.14.0.20020222174606.00ac46a0@bbs.galilei.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:37 PM 2/22/02 +0100, you wrote:



>Hello QRPers and homebrewer,

>

>How can I put an IC on a board designed with the NJ pad cutter?

Hello Ingo,

I bought one of the pad cutters then started wondering about the same thing.

The just released QRP Homebrewer #7 has an article by AD0V (developer of the Island Pad Cutter technique) on how to mount IC's manhattan-style. It uses a wire-wrap IC socket with the legs spread out to "islands" cut in a string on the pcb. Very nice!.

If you don't get the NJ-QRP quarterly the website may have color pictures of the technique. The picture shows/tells all. Try <<http://www.njqrp.org>>.

Good luck,

de Dave, NF0R      nf0r@slacc.com

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End of QRP-L Digest 2474

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